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ASOS CONFIGURATION CONTROL BOARD (ACCB)

ACCB Meeting Minutes of October 22, 2002

I. CONVENE - 9:30 A.M.

Meeting number 41 of the ASOS Configuration Control Board (ACCB) was held on Tuesday, October 22, 2002, in room 12246 of the Silver Spring Metro Center #2.

Members participating:

OST1 - Rick Ahlberg (Chair)  
OPS22 - Dave Mannarano  
OS32 - John Bradley  
OS7 - Tim Ross  
AOP 100 - Not Represented  
ARS 200 - Paul Armbruster  
ARU 400 - Ed Cabott  
AUA 430 - Not Represented  
AFWA - Not Represented  
SPAWARSYSCEN - Ed Heusinger (via telecon)  
OS12 - Lewis Kozlosky (Exec. Sec.)

Advisors and guests included: Sue Murphy (W/OCIO12), Al Wissman and Anthony Leonardo (W/OPS12), Rob Ericson (W/OS12), Giles Strickle (AOP 400), and Jerry Kranz (AUA 430).

II. Review of Minutes

The August 27, 2002, minutes were approved as written.

III. Review of Action Item Table

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S00585 Urgent Special Observation for Volcanic Eruption  
(NWS330S)

Paul Armbruster reported FAA is awaiting a response from the ICAO Volcano Working Group, and there may not be a requirement for these urgent special observations.

AA564 Development of Freezing Drizzle Algorithm (NWS680S)

Tim Ross and Paul Armbruster reported they will be involved in a de-icing meeting on 11/22/2002, where they will discuss if reporting freezing drizzle should be considered to be a de-icing related issue.

### **IV. Software Load Tables**

Rick Ahlberg reported that planned software changes associated with PPI have been added to the agenda package and distributed prior to the meeting. Rick will update the table to include software changes associated with the planned ice-free wind gauge.

### **V. Items for Decision**

AA957 Improve Exposure of Temperature Sensor at Charlotte, NC  
(ERH718S)

Lewis Kozlosky reported that ERH wants to put this RC on hold, while they evaluate options. John Bradley stated this RC was a policy issue and expressed concern over the interpretation of OFCM temperature gauge siting standards. A proposal to raise the sensor by mounting it on the wind tower would require another RC. Rick Ahlberg expressed concern over conducting only a limited test involving a raised sensor. Though that solution might solve the erroneous data caused by wintertime cold air drainage, but it may introduce erroneous temperature data in the summertime. Rick had researched the current location and found no as-built drawings available to provide actual siting information. Tim Ross expressed concern that the sensor group may not have been moved to the approved location during a previous relocation. The ACCB discussed various options that would be approved configurations including relocating the entire combined

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sensor group, or just moving the temperature sensor and the LEDWI to the back up sensor group location. Dave Mannarano expressed concern over the possible corruption of climatic data cause by the various solutions.

**Action: Dave Mannarano and Lewis Kozlosky - Coordinate with W/ERH to determine the optimal alternative.**

### VI. RCs Processed or In Process

Lewis Kozlosky provided an RC status report of items adjudicated or received since the last meeting. The complete summary is listed below.

- o S01063 Delete RVRNO from METAR Observations (FAA106 A) **Pending Final Vote (OS7)**
- o S01141 ACU Processor Upgrade Deployment (NWS601S C) **In Review**
- o S01142 All Weather Precipitation Gauge (AWPAG); Concept Exploration and Development Phases (NWS602S A) **In APMC Coordination**
- o S01145 Enhanced Precipitation Identifier (EPI); Concept Exploration and Development Phases (NWS605S A) **In APMC Coordination**
- o S01146 Ceilometer Replacement (25K); Concept Exploration and Development Phases (NWS606S A) **In Preliminary Review**
- o AA410 Move Merced, CA, Sensor Group (WRH280S) **Withdrawn 10/10/02**
- o AA447 Move San Luis Obispo, CA, Combined Sensor Group (WRH218S) **In Coordination**
- o AA558 Software Version 2.78 Development on Current Processor (NWS678S B) **In Coordination**
- o AA559 Software Version 2.79 Development on New Processor (NWS679S) **Pending Revision**

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- o AA612 Move ACU at Whitefield, NH (ERH707S A) **In Coordination; Redistributed for Decision 10/10/02**
- o AA613 Pressure Sensor Report Processing Yes/No Prompt (NWS681S B) **Revision B in Review**
- o AA713 Modify Sky Condition Algorithm (NWS682S A) **Approved 10/21/02**
- o AA795 Move Secondary Sensor Group at Cleveland, OH (ERH711S) **In Coordination; Awaiting FAA Vote**
- o AA807 Move ACU at Redding, CA (WRH290S) **Withdrawn 10/10/02**
- o AA824 Permit Automated ACU Upload of Software Version to AOMC Site File (NWS683S) **Approved 10/21/02**
- o AA957 Improve Exposure of Temperature Sensor at Charlotte, NC (ERH718S) **Recommended for Meeting; See Items for Decision Section**
- o AB019 Move ACU and OID at Grand Canyon, AZ (WRH307S) **Approved 10/9/02**
- o AB020 Move Tallahassee, FL Combined Sensor Group (SRH746S) **Approved 10/3/02**
- o AB023 Move Combined Sensor Group (CSG) at Aurora, OR (WRH308S) **In Coordination**
- o AB031 Connect Four ASOS Sites to SAIDS/IDS-4 **In Coordination**
- o AB032 Move Combined Sensor Group (CSG) at Minot, ND (FAA201) **Approved 10/2/02**
- o AB035 Install ASOS at West Memphis, AR (FAA203) **In Coordination**

Al Wissman reported this installation was completed and the system would be turned on soon. Tim Ross expressed concern over actions taking place prior to ACCB approval. Tim noted that there are not enough ASOS systems to go around and W/PRH had agreed earlier to accept an FAA AWIS to be installed at Lanai, HI, but that system has been

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delayed. Ed Cabott noted that the AWIS availability will be discussed at FAA on 1031/02, and Ed promised to provide updated information to Tim after the meeting.

- o AB038 Move Combined Sensor Group (CSG) at Tekamah, NE (FAA202) **In Coordination**
- o AB045 Modify Algorithm to Report Visibility Below 1/4 Mile (NWS684S) **In Coordination**
- o AB046 Move ACU at Salina, KS (FAA204) **Approved 10/18/02**
- o AB047 Move Combined Sensor Group (CSG) at College Station, TX (SRH748S) **In Coordination**
- o AB050 Move Combined Sensor Group (CSG) at Denver, CO (CRH781S) **In Coordination**
- o AB052 Move ACU at Akron, OH (FAA207) **In Coordination**

## **VII. Items for Discussion**

Tim Ross asked for the status of pending software loads to be provided to the Software Working Group. Rick Ahlberg indicated that approved loads are not yet on contract, and that he intended to include discussion of software V.2.78 and V.2.79 on the agenda for the next APMC

## **IX. Next Meeting**

**The next ACCB Meeting is scheduled for Tuesday, December 17, 2002, at 9:30 A.M. in Room 12246 of the SSMC2 Building in Silver Spring, Maryland.**

## **X. ADJOURNED 11:30**

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**ASOS CONFIGURATION CONTROL BOARD ACTION ITEM/IMPLEMENTATION TABLE**

ITEMS WITHOUT APPROVAL DATES MAY BE ELIGIBLE FOR FINAL VOTE UPON COMPLETION OF ACTION ITEMS.  
FOCAL POINTS ARE RESPONSIBLE FOR REPORTING ACTION ITEM STATUS.

CHANGE/DATE	FOCAL PT	REQUIRED ACTION	AI STATUS	DUE
S01187 MOVE MT. HOLLY ACU (ERH675S)	MCAFEE	DETERMINE NEW LOCATION AND OBTAIN LICENSE	PENDING	12/02
S00585 URGENT SPECIAL OBSERVATION FOR VOLCANIC ERUPTION (NWS330S)	ROSS ARMBRUSTER	INVESTIGATE WHETHER RC SHOULD BE REVISED OR RESCINDED	PENDING	12/02
AA564 DEVELOPMENT OF FREEZING DRIZZLE ALGORITHM (NWS680S)	ARMBRUSTER	INVESTIGATE WHETHER INTENSITY NEEDS TO BE REPORTED WITH FREEZING DRIZZLE AND WHETHER SPECIS SHOULD BE ISSUED DUE TO INTENSITY CHANGES.	PENDING	12/02
AA957 IMPROVE EXPOSURE OF TEMPERATURE SENSOR AT CHARLOTTE, NC (ERH718S)	MANNARANO KOZLOSKY	COORDINATE WITH W/ERH TO DETERMINE THE OPTIMAL ALTERNATIVE	PENDING	12/02